

Recombinant human Metallothionein-1X protein

Catalog No: #AP72688



Package Size: #AP72688-1 20ug #AP72688-2 100ug #AP72688-3 1mg

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Description

Product Name	Recombinant human Metallothionein-1X protein
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-59aaSequence Info:Partial
Other Names	Metallothionein-IX ;MT-IX
Accession No.	P80297
Uniprot	P80297
GeneID	4501;
Calculated MW	7.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MDPNCSCSPVGSACAGSCKCKECKCTSCKKSCCSCPVGCAKCAQGCICKGTSDKCSC
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.

References

Induction by zinc of specific metallothionein isoforms in human monocytes.Pauwels M., van Weyenbergh J., Soumillion A., Proost P., Ley M.Eur. J. Biochem. 220:105-110(1994)Research Topic:Others

Note: This product is for in vitro research use only